

```

CCC 000 M M M M 000 DD 000 RRR EEE
C   O O MMM MMM O O D D O O R R E
C   O O M M M M O O D D O O RRR EE
C   O O M M M M O O D D O O RR E
CCC 000 M M M M 000 DD 000 R R EEE

```

```

      6 4
      6 4
    6 66 4 4
    6 6 4444
      66 4

```

F.C.V. USER GROUP

NEWSLETTER

September 6th

No. 8

A demonstration of "Quickfind" and a discussion about the software library occupied the time at the last meeting. A motion concerning the purchase of software was passed which you should read below. But first "Quickfind".

As mentioned last issue, "Quickfind" is a small program (about 34 lines of program and a number of data statements) which is entered at the beginning of a tape. The program was first described in one of the 1983 Compute magazines. However it was very limited in that it only allowed a fixed amount of tape for each program. Fred Cumming has modified "Quickfind" so that programs can be entered onto the cassette tape in the usual way. The data statements which keep a record of what's on the tape, are made up of three records per program, a number to identify the program, the program name, and the tape count at which the program is saved. Thus, "Quickfind" provides a means of loading and saving programs simply and easily and it keeps track of what and where programs are on a tape. The only drawback is that it needs to be updated each time the tape is updated with additional programs.

"Quickfind" works in the following way. In response to RUN, the program asks the user which program is to be found and then to press Fast Forward on the datasette. The tape fast forwards for a period of time dependent on the tape count corresponding to the program. The important lines in the program are as follows.

```

270 A=TI
280 IF (ABS(TI-A) < (TL(J)-8) * 12 THEN 280
290 POKE1(PEEK(1)OR32)

```

TI is the internal interval timer

number of counts taken up by Quickfind at beginning of tape

number of tape counts to be fast forwarded.

12 'jiffies' per tape count. This value may vary between datasettes. You'll have to experiment with this one

"Quickfind" then performs a dynamic load according to the next few lines.

```
330 PRINT CHR$(147); CHR$(17); CHR$(17); CHR$(17)
335 PRINT "LOAD"; CHR$(34); A$(j); CHR$(34); CHR$(19)
340 POKE198,1: POKE631,13: END
```

clear screen

3 cursor downs.

quote mark

sends cursor home

program name

tells computer there is one character in input queue.

puts a return (13) in input queue.

"Quickfind" has been found to be completely reliable and for those interested it should soon be in the software library.

The software library currently consists of ten, kindly donated C60 TDK cassettes. The following programs are available in the library.

Abracalc - spreadsheet
Speedscript - word processor
Introduction to Basic Part 1
Personal Accountant

Conditions for borrowing are that loans are not kept for longer than one week and that tapes are played only once (to preserve the life of the tape). Also after discussions at the last meeting it was decided to request a \$5 fee from members. This money will be used by the software sub-committee to purchase software from the United States for the library. If you want to use the library then forward \$5 to Ian Wild in Assessment.